

WHAT IS CLAIMED IS:

We Claim:

1. A seat structure, comprising:

an arm arranged in the rear of a seat cushion and enforced in a direction of falling backwards
5 with a torsion bar in a normal state;

a supporting frame supported by said arm and arranged along a width direction in the rear
of the seat cushion;

a front frame arranged in the front of the seat cushion, having a predetermined width in a
longitudinal direction of the seat cushion, and its front edge being movably supported in a vertical
10 direction;

a cushioning member spread over between said supporting frame and said front frame, and
strained by an elastic force of the torsion bar; and

a standard position setting member for setting an upward moving position of the front edge
of said front frame when a person is seated on said cushioning member in a standard posture,
15 wherein

the front edge of said front frame is moved more in an upward direction than a standard
position when a load for depressing any portion of said cushioning member is applied compared
with the time of being seated on said cushioning member in the standard posture, and

a haunch supporting portion of said cushioning member is lifted upward by forcing the front
20 edge of said front frame more in a downward direction than the standard position.

2. The seat structure according to claim 1, wherein

said front frame is made of a plate-shaped member having a predetermined width in the longitudinal direction of the seat cushion, and its rear edge is supported pivotably between side frames of the seat cushion.

5 3. The seat structure according to claim 1, wherein
said standard position setting member is an elastic member for enforcing the front edge of said front frame in the downward direction, and has the elastic force for balancing the front edge of said front frame in the standard position against tension of said cushioning member generated at the time of being seated in the standard posture.

10 4. The seat structure according to claim 3, wherein
the elastic member comprises a flat-type spring member strained between the front edge of said front frame and a fixed frame arranged below said front frame.

15 5. The seat structure according to claim 1, wherein
said standard position setting member is an abutting piece for abutting on an upper surface of said front frame at the time of being seated in the standard posture and for setting the front edge of said front frame at the standard position, being protruded inside from at least one of the side frames.

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6. The seat structure according to claim 1, wherein
said cushioning member comprises any one kind selected from a flat-type spring member,
a three-dimensional net member, and a urethane member or a combination of two kinds or more of
these members.

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7. The seat structure according to claim 1, wherein
another cushioning member is arranged above said cushioning member.

8. The seat structure according to claim 7, wherein
10 another cushioning member described above is spread over together with said cushioning
member between said supporting frame and said front frame, and is strained by the elastic force of
the torsion bar.

9. The seat structure according to claim 7, wherein
15 another cushioning member described above comprises any one kind selected from a flat-
type spring member, a three-dimensional net member, and a urethane member or a combination of
two kinds or more of these members.